p1105: Factoring when $a = $ prime (v32)

1. Factor the expression $5x^2 - 49x + 36$

2. Factor the expression $7x^2 - 15x + 2$

3. Factor the expression $3x^2 - 29x + 40$

4. Factor the expression $11x^2 - 72x - 35$

5. Factor the expression $7x^2 - 60x + 32$

6. Factor the expression $3x^2 + 32x + 45$

7. Factor the expression $7x^2 - 46x + 24$

8. Factor the expression $2x^2 + 3x + 1$

9. Factor the expression $3x^2 + 29x + 40$

10. Factor the expression $2x^2 + 11x + 15$